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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Application Number	10/518,780
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	DECEMBER 17, 2004
(Use as many sheets as necessary)		First Named Inventor	BRUNNER, ET AL.
		Group Art Unit	UNKNOWN 2829
		Examiner Name	UNKNOWN Roberto Velez
		Attorney Docket Number	ZIMR/0014
Sheet	1	of	9
		Submission Date	MAY 10, 2005

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RV	A1	US-3,983,401	09/28/1976	Livesay	
	A2	US-4,090,056	05/16/1978	Lockwood, et al.	
	A3	US-4,362,945	12/07/1982	Riecke	
	A4	US-4,437,044	03/13/1984	Veith	
	A5	US-4,495,966	01/29/1985	Longamore	
	A6	US-4,528,452	07/09/1985	Livesay	
	A7	US-4,532,423	07/30/1985	Tojo, et al.	
	A8	US-4,684,808	08/04/1987	Plies, et al.	
	A9	US-4,725,736	02/16/1988	Crewe	
	A10	US-4,740,705	04/26/1988	Crewe	
	A11	US-4,760,567	07/26/1988	Crewe	
	A12	US-4,761,607	08/02/1988	Shiragasaki, et al.	
	A13	US-4,764,818	08/16/1988	Crew	
	A14	US-4,795,912	01/03/1989	Maschke	
	A15	US-4,819,038	04/04/1989	Alt	
	A16	US-4,843,312	06/27/1989	Hartman, et al.	
	A17	US-4,862,075	08/29/1989	Choi, et al.	
V	A18	US-4,870,357	09/26/1989	Young, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RV	B1	DE 3636316 (English translation)	05/02/1989	Hideo		X
RV	B2	EP 0 370 276 (English translation)	01/08/1991	Matthias, et al.		X
RV	B3	EP 0 402 499 (English translation)	09/03/1991	Matthias, et al.		X
RV	B4	EP 0 523 584 (English translation)	06/07/1994	Barbara, et al.		X
RV	B5	EP 0 523 594 (English translation)	12/07/1993	Matthias, et al.		X

Examiner	/Roberto Velez/	Date Considered	11/09/2006
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RV	A19	US-4,899,105	02/06/1990	Akiyama	
	A20	US-4,965,515	10/23/1990	Karasawa	
	A21	US-4,983,833	01/08/1991	Brunner, et al.	
	A22	US-4,985,676	01/15/1991	Karasawa	
	A23	US-4,985,681	01/15/1991	Brunner, et al.	
	A24	US-5,124,635	06/23/1992	Henley	
	A25	US-5,170,127	12/08/1992	Henley	
	A26	US-5,175,495	12/29/1992	Brahme, et al.	
	A27	US-5,177,437	01/05/1993	Henley	
	A28	US-5,258,706	11/02/1993	Brunner, et al.	
	A29	US-5,268,638	12/07/1993	Brunner, et al.	
	A30	US-5,278,494	01/11/1994	Obigane	
	A31	US-5,285,150	02/08/1994	Henley, et al.	
	A32	US-5,313,156	02/17/1994	Klug, et al.	
	A33	US-5,368,676	11/29/1994	Nagaseki, et al.	
	A34	US-5,369,359	11/29/1994	Schmitt	
↓	A35	US-5,371,459	12/06/1994	Brunner, et al.	
	A36	US-5,414,374	05/09/1995	Brunner, et al.	

FOREIGN PATENT DOCUMENTS					
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (* known)			
RV	B6	EP 0 537 505 (English translation)	11/02/1993	Matthias, et al.	
RV	B7	EP 0 542 094 (English translation)	11/29/1994	Reinhold	
RV	B8	EP 0 932 182 (English abstract)	07/28/1999	Matthias, et al.	
RV	B9	EP 0 999 573	05/10/2000	Feuerbaum, et al.	
RV	B10	EP I 045 425	10/18/2000	Adamec	

Examiner /Roberto Velez/ Date Considered 11/09/2006

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**SUPPLEMENTAL INFORMATION
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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

9

Application Number

10/518,780

Filing Date

DECEMBER 17, 2004

First Named Inventor

BRUNNER, ET AL.

Group Art Unit

UNKNOWN 28289

Examiner Name

UNKNOWN Roberto Velez

Attorney Docket Number

ZIMR/0014

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		Number-Kind Code ² (if known)			
RV	A37	US-5,430,292	07/04/1995	Honjo, et al.	
	A38	US-5,504,438	04/02/1996	Henley	
	A39	US-5,528,158	06/19/1996	Sinsheimer, et al.	
	A40	US-5,530,370	06/25/1996	Langhof, et al.	
	A41	US-5,621,333	04/15/1997	Long, et al.	
	A42	US-5,644,245	07/01/1997	Saitoh, et al.	
	A43	US-5,558,717	09/24/1996	Zhao, et al.	
	A44	US-5,691,764	11/25/1997	Takekoshi, et al.	
	A45	US-5,742,173	04/21/1998	Nakagomi, et al.	
	A46	US-5,801,545	09/01/1998	Takekoshi, et al.	
	A47	US-5,801,764	09/01/1998	Koizumi, et al.	
	A48	US-5,834,007	11/10/1998	Kubota	
	A49	US-5,834,773	11/10/1998	Brunner, et al.	
	A50	US-5,892,224	04/06/1999	Nakasuiji	
	A51	US-5,923,180	07/13/1999	Bolka, et al.	
	A52	US-5,973,323	10/26/1999	Adler, et al.	
↓	A53	US-5,982,190	11/09/1999	Toro-Lira	
	A54	US-6,046,599	04/04/2000	Long, et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RV	B11	EP I 045 426	10/18/2000	Adamec		
RV	B12	EP I 233 274	08/21/2002	Kilbride, et al.		
RV	B13	JP I 213944 (English abstract)	08/28/1989	Teruji		X
RV	B14	JP I 307418 (English abstract)	07/09/1996	Masaaki		X
RV	B15	JP II 264940 (English abstract)	09/28/1999	Shigehiro, et al.		X

Examiner /Roberto Velez/

Date Considered 11/09/2006

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(Use as many sheets as necessary)

Sheet

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Application Number	10/518,780
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Group Art Unit	UNKNOWN 2829
Examiner Name	UNKNOWN Roberto Velez
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RV	A55	US-6,075,245	06/13/2000	Toro-Lira	
	A56	US-6,086,362	07/11/2000	White, et al.	
	A57	US-6,137,303	10/24/2000	Deckert, et al.	
	A58	US-6,198,299	03/16/2001	Hollman	
	A59	US-6,288,561	09/11/2001	Leedy	
	A60	US-6,343,369	01/29/2002	Saunders, et al.	
	A61	US-6,362,013	03/26/2002	Yoshimura	
	A62	US-6,435,868	08/20/2002	White, et al.	
	A63	US-6,559,454	05/06/2003	Murrell, et al.	
	A64	US-6,566,897	05/20/2003	Lo, et al.	
	A65	US-6,570,553	05/27/2003	Hashimoto, et al.	
	A66	US-6,730,906	05/04/2004	Brunner, et al.	
	A67	US-6,765,203	07/20/2004	Abel	
	A68	US-6,777,675	08/17/2004	Parker, et al.	
	A69	US-6,828,587	12/07/2004	Yamazaki, et al.	
	A70	US-6,833,717	12/21/2004	Kurita, et al.	
↓	A71	US-2002/0024023	02/28/2002	Brunner, Matthias, et al.	
	A72	US-2002/0034886	03/21/2002	Kurita, Shinichi, et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RV	B16	JP 2000 180392 (English abstract)	06/30/2000	Taketoshi		X
RV	B17	JP 2000 223057 (English abstract)	08/11/2000	Naomasa		X
RV	B18	JP 2000 268764 (English abstract)	09/29/2000	Naomasa, et al.		X
RV	B19	JP 2001 033408 (English abstract)	02/09/2001	Hiroshi		X
RV	B20	JP 2001 318116 (English abstract)	11/16/2001	Hideo		X

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RV	A73	US-2003/0218456	11/27/2003	Brunner, Matthias, et al.	
RV	A74	US-6,297,656	10/02/2001	Kobayashi, et al.	
	A75	US-			
	A76	US-			
	A77	US-			
	A78	US-			
	A79	US-			
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	A89	US-			
	A90	US-			

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RV	B21	JP 2002 039976 (English abstract)	02/06/2002	Naomasa, et al.		X
RV	B22	JP 2002 048740 (English abstract)	02/15/2002	Naomasa, et al.		X
RV	B23	JP 2002 257997 (English abstract)	09/11/2002	Shigehiro, et al.		X
RV	B24	JP 2002 310959 (English abstract)	10/23/2002	Shigehior, et al.		X
RV	B25	JP 2002 343294 (English abstract)	11/29/2002	Kojin		X

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	A96	US-			
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	A108	US-			

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RV	B27	JP 6 167538 (English abstract)	06/14/1994	Henry	X
RV	B28	JP 60 039748 (English abstract)	03/01/1985	Etsuo, et al.	X
RV	B29	JP 63 088741 (English abstract)	04/19/1988	Naoaki	X
RV	B30	JP 63 088742 (English abstract)	04/19/1988	Teruji	X

Examiner	/Roberto Velez/	Date Considered	11/09/2006
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PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO		Application Number	10/518,780
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	DECEMBER 17, 2004
(Use as many sheets as necessary)		First Named Inventor	BRUNNER, ET AL.
		Group Art Unit	UNKNOWN
		Examiner Name	UNKNOWN
		Attorney Docket Number	ZIMR/0014
Sheet	7	of	9
		Submission Date	MAY 10, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A109	US-				
A110	US-				
A111	US-				
A112	US-				
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A120	US-				
A121	US-				
A122	US-				
A123	US-				
A124	US-				
A125	US-				
A126	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RV	B31	JP 63 166132 (English abstract)	07/09/1988	Naomasa		X
RV	B32	JP 63 318054 (English abstract)	12/26/1988	Naomasa		X
RV	B33	JP 7 302563 (English abstract)	11/14/1995	Shigehiro, et al.		X
RV	B34	JP 8 173418 (English abstract)	07/09/1996	Masaaki		X
RV	B35	WO 02/33745	04/25/2002	Dor, et al.		

Examiner /Roberto Velez/ Date Considered 11/09/2006

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**SUPPLEMENTAL INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 8

of 9

Application Number	10/518,780
Filing Date	DECEMBER 17, 2004
First Named Inventor	BRUNNER, ET AL.
Group Art Unit	UNKNOWN 2829
Examiner Name	UNKNOWN Roberto Velez
Attorney Docket Number	ZIMR/0014

Submission Date MAY 10, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A127	US-				
A128	US-				
A129	US-				
A130	US-				
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A136	US-				
A137	US-				
A138	US-				
A139	US-				
A140	US-				
A141	US-				
A142	US-				
A143	US-				
A144	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RV	B36	WO 92/09900	06/11/1992	Henley, et al.		
RV	B37	WO 99/23684	05/14/1999	Adler, et al.		
RV	B38	WO 99/60614	11/25/1999	Lapidot		
	B39					
	B40					

Examiner

/Roberto Velez/

Date Considered 11/09/2006

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PTO/SB/08b (08-03)

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**SUPPLEMENTAL INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 9

of 9

Application Number

10/518,780

Filing Date

DECEMBER 17, 2004

First Named Inventor

BRUNNER, ET AL.

Group Art Unit

UNKNOWN 2829

Examiner Name

UNKNOWN Roberto Velez

Attorney Docket Number

ZIMR/0014

Submission Date

MAY 10, 2005

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
RV	C1	Brunner, et al., "Development of Puma 5500/10K Platform", AKTNews, vol.5, January 2001, pg 13-14	
RV	C2	Brunner, M., "TFT Array Testing: Replacing Mechanics by Electron Beam Deflection," AKTNews vol. 6, April 2001, pg 15-17	
RV	C3	Copy of Invitation to Pay Additional Fees dated October 21, 2003 for corresponding PCT application, PCT/US03/15903 (AMAT/7356/PCT)	
RV	C4	PCT International Search Report for PCT/US03/15903, dated January 16, 2004 (AMAT/7356PCT)	
RV	C5	USSN 10/903,216 (AMAT/8500.P2), filed July 30, 2004, Mathias Brunner, et al., "Configurable Proper For TFT LCD Array Test."	
RV	C6	PCT English Translation of International Preliminary Exam RPT for PCT/EP03/06481, dated March 10, 2005.	
RV	C7	KUMADA, et al., "Non-Contact Array testers." No Date	
RV	C8	European Search Report for EP 03 026 267.9, dated April 5, 2004.	
	C9		
	C10		
	C11		
	C12		

Examiner /Roberto Velez/

Date Considered 11/09/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete If Known

<i>Application Number</i>	10/518,780
<i>Filing Date</i>	December 17, 2004
<i>First Named Inventor</i>	MATTHIAS BRUNNER
<i>Art Unit</i>	Unknown 2829
<i>Examiner Name</i>	Unknown Roberto Velez
<i>Attorney Docket Number</i>	ZIMR/0014

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1				
	A2				
	A3				
	A4				
	A5				

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ Kind Code ⁵ (if known)				
	B1					
	B2					
	B3					
	B4					
	B5					
	B6					
	B7					
	B8					
	B9					

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RV	c1	PCT International Preliminary Examination Report, PCT/EP03/06481, Applicant AKT Electron Beam Technology GmbH, et al., 12/13/2004	
	c2		

Examiner Signature	/Roberto Velez/	Date Considered	11/09/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

2

Complete if Known	
Application Number	To Be Assigned
Filing Date	December 17, 2004
First Named Inventor	MATTHIAS BRUNNER
An Unit	Unknown 2829
Examiner Name	Unknown Roberto Velez
Attorney Docket Number	ZIMR/0014

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
RV	A1	US-2002/0047838	04-25-2002	Yoshiro, et al.	
	A2	US- 2001/0052788	12-20-2001	Tomita	
	A3	US- 6,380,729	04-30-2002	Smith	
	A4	US- 6,340,963	01-22-2002	Anno, et al.	
	A5	US- 6,337,772	01-08-2002	Uehara, et al.	
	A6	US- 6,337,722	01-08-2002	Ha	
	A7	US- 6,320,568	11-20-2001	Zavracky	
	A8	US- 6,281,701	08-28-2001	Yang, et al.	
	A9	US- 6,265,889	07-24-2001	Tomita, et al.	
	A10	US- 5,936,687	08-10-1999	Lee	
	A11	US- 5,930,607	07-27-1999	Satou	
	A12	US- 5,774,100	06-30-1998	Aoki, et al.	
	A13	US- 5,657,139	08-12-1997	Hayashi	
	A14	US- 5,432,461	07-11-1995	Henley	
	A15	US- 5,081,687	01-14-1992	Henley, et al.	
	A16	US-			
	A17	US-			
	A18	US-			
	A19	US-			
	A20	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
RV	B1	DE 198 32 297	01-21-1999	Yamazaki, et al.		
	B2	EP 0 806 700	11-12-1997	Misawa, et al.		
	B3	EP 0 762 137	03-12-1997	Matsuhira, et al.		
	B4	EP 0 614 090	09-07-1994	Ichioka, et al.		
	B5	EP 0 523 594	01-20-1993	Brunner, et al.		
	B6	EP 0 523 584	01-20-1993	Nussel, et al.		
	B7	JP 08-289231 (Abstract Only)	11-01-1996	Tetsuya		
	B8	JP 2001-358189	12-26-2001	Seiki		
	B9	WO 98/31050	07-16-1998	Holmberg, et al.		

Examiner Signature	/Roberto Velez/	Date Considered	11/09/2006
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10/518780
DT05 Rec'd PCT/PTO 17 DEC 2004.

PTO/SB/08b(08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

<i>Complete if Known</i>	
<i>Application Number</i>	To Be Assigned
<i>Filing Date</i>	December 17, 2004
<i>First Named Inventor</i>	MATTHIAS BRUNNER
<i>Art Unit</i>	Unknown 2829
<i>Examiner Name</i>	Unknown Roberto Velez
<i>Attorney Docket Number</i>	ZIMR/0014

NON PATENT LITERATURE DOCUMENTS

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RV	c1	German Office Action from German Application No. 102 27 332.4, dated 19 June 2002.	
RV	c2	PCT International Search Report from International Application PCT/EP03/06481, dated 05 December 2003.	
	c3		
	c4		
	c5		
	c6		
	c7		
	c8		
	c9		
	c10		
	c11		

Examiner Signature

/Roberto Velez/

Date Considered

11/09/2006

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